NOV 3 0 2001 R

SEQUENCE LISTING

<110> Madison, Edwin L.
 Semple, Joseph Edward
 Coombs, Gary Samuel
 Reiner, John Eugene
 Ong, Edgar O.

Ong, Edgar O. Araldi, Gian Luca

- <120> Inhibitors of Serine Protease Activity of Matriptase or MTSP1
- <130> Corvas 255/049
- <140> 09/657,986
- <141> 2000-09-08
- <160> 10
- <170> PatentIn version 3.0
- <210> 1
- <211> 1452
- <212> DNA
- <213> Homo sapiens

<400> 1

gttgttgggg gcacggatgc ggatgaggc gagtggccct ggcaggtaag cctgcatgct 60 120 caacaacccc cgtgcctacg cctactcccg ctcaccggga ccgtccattc ggacgtacga ctgggccagg gccacatctg cggtgcttcc ctcatctctc ccaactggct ggtctctgcc 180 gacceggtee eggtgtagae gecaegaagg gagtagagag ggttgacega eeagagaegg 240 300 gcacactgct acatcgatga cagaggattc aggtactcag accccacgca gtggacggcc cgtgtgacga tgtagctact gtctcctaag tccatgagtc tggggtgcgt cacctgccgg 360 tteetggget tgeacgacea gageeagege agegeeeetg gggtgeagga gegeaggete 420 480 aaggacccga acgtgctggt ctcggtcgcg tcgcggggac cccacgtcct cgcgtccgag 540 aagegeatea teteceacee ettetteaat gaetteaeet tegaetatga eategegetg ttcgcgtagt agagggtggg gaagaagtta ctgaagtgga agctgatact gtagcgcgac ctggagctgg agaaaccggc agagtacagc tccatggtgc ggcccatctg cctgccggac 660 gacctcgacc tctttggccg tctcatgtcg aggtaccacg ccgggtagac ggacggcctg 720 geeteceatg tettecetge eggeaaggee atetgggtea egggetgggg acaeacceag 780 cggagggtac agaagggacg gccgttccgg tagacccagt gcccgacccc tgtgtgggtc 840 900 tatggaggca ctggcgcgct gatcctgcaa aagggtgaga tccgcgtcat caaccagacc ataceteegt gacegegga etaggaegtt tteecaetet aggegeagta gttggtetgg 960 1020 acctgcgaga acctcctgcc gcagcagatc acgccgcgca tgatgtgcgt gggcttcctc tggacgetet tggaggaegg egtegtetag tgeggegegt aetaeaegea eeegaaggag 1080

agcggcggcg	tggactcctg	ccagggtgat	tccgggggac	ccctgtccag	cgtggaggcg	1140
tegeegeege	acctgaggac	ggtcccacta	aggccccctg	gggacaggtc	gcacctccgc	1200
gatgggcgga	tcttccaggc	cggtgtggtg	agctggggag	acggctgcgc	tcagaggaac	1260
ctacccgcct	agaaggtccg	gccacaccac	tcgacccctc	tgccgacgcg	agtctccttg	1320
aagccaggcg	tgtacacaag	gctccctctg	tttcgggact	ggatcaaaga	gaacactggg	1380
ttcggtccgc	acatgtgttc	cgagggagac	aaagccctga	cctagtttct	cttgtgaccc	1440
gtatagcata	tc					1452

<210> 2

<211> 241

<212> PRT

<213> Homo_sapiens

<400> 2

Val Val Gly Gly Thr Asp Ala Asp Glu Gly Glu Trp Pro Trp Gln Val
5 10 15

Ser Leu His Ala Leu Gly Gln Gly His Ile Cys Gly Ala Ser Leu Ile 20 25 30

Ser Pro Asn Trp Leu Val Ser Ala Ala His Cys Tyr Ile Asp Asp Arg 35 40 45

Gly Phe Arg Tyr Ser Asp Pro Thr Gln Trp Thr Ala Phe Leu Gly Leu 50 55 60

His Asp Gln Ser Gln Arg Ser Ala Pro Gly Val Gln Glu Arg Arg Leu 65 70 75 80

Lys Arg Ile Ile Ser His Pro Phe Phe Asn Asp Phe Thr Phe Asp Tyr 85 90 95

Asp Ile Ala Leu Leu Glu Leu Glu Lys Pro Ala Glu Tyr Ser Ser Met 100 105 110

Val Arg Pro Ile Cys Leu Pro Asp Ala Ser His Val Phe Pro Ala Gly 115 120 125

Lys Ala Ile Trp Val Thr Gly Trp Gly His Thr Gln Tyr Gly Gly Thr 130 135 140

Gly Ala Leu Ile Leu Gln Lys Gly Glu Ile Arg Val Ile Asn Gln Thr 145 150 155 160

Thr Cys Glu Asn Leu Leu Pro Gln Gln Ile Thr Pro Arg Met Met Cys 165 170 175

Val Gly Phe Leu Ser Gly Gly Val Asp Ser Cys Gln Gly Asp Ser Gly
180 185 190

Gly Pro Leu Ser Ser Val Glu Ala Asp Gly Arg Ile Phe Gln Ala Gly
195 200 205

```
Val Val Ser Trp Gly Asp Gly Cys Ala Gln Arg Asn Lys Pro Gly Val
                        215
Tyr Thr Arg Leu Pro Leu Phe Arg Asp Trp Ile Lys Glu Asn Thr Gly
                                       235
Val
<210> 3
<211> 23
<212> PRT
<213> Homo_sapiens
<220>
<221> misc_feature
<223> R=A,G; V=G,A,C; W=A,T; S=G,C; Y=C,T; H=A,T,C
<400> 3
Thr Gly Gly Arg Thr Ile Val Thr Ile Trp Ser Ile Gly Cys Ile Arg
Cys Ile Cys Ala Tyr Thr Gly
            20
<210>
<211>
      30
<212> PRT
<213> Homo_sapiens
<220>
<221>
      misc feature
      R=A,G; V=G,A,C; W=A,T; S=G,C; Y=C,T; H=A,T,C
<400> 4
Ile Gly Gly Ile Cys Cys Ile Cys Cys Ile Ser Trp Arg Thr Cys Ile
Cys Cys Tyr Thr Ile Arg Cys Ala Ile Gly His Arg Thr Cys
<210> 5
<211> 28
<212> DNA
<213> Homo_sapiens
<400> 5
                                                                      28
caccccttct tcaatgactt caccttcg
<210> 6
<211> 18
<212> DNA
<213> Homo_sapiens
```

<400> 6

tacctctcct acgactcc	18
<210> 7 <211> 25 <212> DNA <213> Homo_sapiens	
<400> 7 gaggttctcg caggtggtct ggttg	25
<210> 8 <211> 39 <212> DNA <213> Homo_sapiens	
<400> 8 ctcgagaaaa gagttgttgg gggcacggat gcggatgag	39
<210> 9 <211> 36 <212> DNA <213> Homo_sapiens <400> 9 gcggccgcac tataccccag tgttctcttt gatcca	36
<210> 10 <211> 9 <212> PRT <213> Homo_sapiens	
<400> 10	
Val Val Gly Gly Thr Asp Ala Asp Glu 1 5	